



# Gro Brundtland Week 2017

## Women in Sustainable Development

女性永續發展科學週 | 11-17 March 2017

*“Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs.”*

- The Brundtland Report 1987 -

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## 2017 Gro Brundtland Award Recipients

The 'Gro Brundtland Award' offers five qualified female researchers from developing countries and Taiwan an opportunity to meet and discuss with other female researchers in the same field and establish the international connection. They are selected upon the evaluating process by the Organizing Committees every year.



**Fathiah Zakham (Yemen)**, Assistant researcher in Hodeidah University, Hodeidah, Yemen



**Farah Fathima (India)**, Assistant Professor in St John's Medical College, Bangalore, India



**Phyllis Awor (Uganda)**, Post Doctoral Fellow in Makerere University, Kampala, Uganda



**Wafa Al-Jamal (Jordan)**, Prostate Cancer Research Fellow in University of East Anglia, Norwich, United Kingdom



**Yi-Chun Yen 顏怡君 (Taiwan)**, Research Fellow in Duke-NUS Medical School, Singapore city, Singapore

\*Sort by alphabetical order \_\_\_\_\_



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## 【TENTATIVE AGENDA】

Date	Time	Agenda	Venue
<b>3/11</b> ▾ Saturday Tainan		Arrival in Tainan & Recipients registration	
<b>3/12</b> ▾ Sunday Tainan	09:15-09:30	Opening Ceremony	National Cheng Kung University
	09:30-10:45	PLENARY Dr. Regina Benjamin	Li-Hsing Campus 成功大學
	10:45-12:15	SYMPOSIUM	綠色魔法學校
	13:30-14:30	PANEL DISCUSSION	崇華廳
<b>3/13</b> ▾ Monday Taichung	13:30-14:45	PLENARY Prof. Su-May Yu 余淑美院士	Tunghai University 東海大學
	14:45-16:15	SYMPOSIUM	求真廳
	16:30-17:30	PANEL DISCUSSION	
<b>3/15</b> ▾ Wednesday Hualien	9:30-10:45	PLENARY Prof. Kuo-Fong Ma 馬國鳳教授	Tzu Chi University 慈濟大學
	10:45-12:15	SYMPOSIUM	學術研討會議廳
	13:30-14:30	PANEL DISCUSSION	
<b>3/16</b> ▾ Thursday Taipei	13:00-14:15	PLENARY Prof. Fumiko Kasuga	National Taiwan Normal University
	14:15-15:45	SYMPOSIUM	臺灣師範大學 國際會議廳
	16:00-17:00	PANEL DISCUSSION	
<b>3/17</b> ▾ Friday Taipei	10:00-10:20	Tang Prize Foundation Introduction	Tang Prize Foundation
	10:20-11:30	FINAL PRESENTATION	唐獎基金會
	11:30-12:00	Closing Ceremony & Awards	



## Plenary Speakers

**March 12 | National Cheng Kung University, Tainan | 09:30-10:45**

### *Making a Difference*

**REGINA M. BENJAMIN**, 18<sup>th</sup> Surgeon General of the United States, USA

Regina Benjamin, MD, MBA is the Founder and CEO of BayouClinic, Inc., as well as the



NOLA.com/Times Picayune Endowed Chair of Public Health Sciences at Xavier University of Louisiana, and from 2009-2013, served as the United States 18th Surgeon General. She specializes in prevention policies and health promotion among individuals as well as large populations, especially concerning obesity, childhood obesity, and children's health. She has special interest in rural health care, health disparities among socio-economic groups, suicide, violence, and mental health.

Dr. Benjamin is former associate dean for Rural Health at the University of South Alabama College of Medicine in Mobile and past chair of the Federation of State Medical Boards of the United States. In 1995, she was the first physician under age 40 and the first African-American woman to be elected to the American Medical Association Board of Trustees.

**March 13 | Tunghai University, Taichung | 13:30-14:45**

### *How to Achieve Sustainable Food Production?*

**Su-May Yu**, Academia Sinica, Taipei, Taiwan

Dr. Su-May Yu is a molecular plant biologist who is working to reduce world hunger by improving rice yields. Her research activities are primarily focused on sugar, nutrient and O<sub>2</sub> deficiency



signaling and regulation in plants, rice functional genomics and biotechnology. She is a distinguished research fellow in Institute of Molecular Biology, Academia Sinica. According to Taiwan's CTimes, Su-May's work in rice genomics has earned her the title: "Godmother of Paddy Rice." For over 20 years she has been working with paddy rice gene transfers, looking for specific genes to help rice cope with environmental conditions like poor soil, drought, and temperature fluctuations. Dr. Yu has filed over 20 international patents on these fields and has also established

Rice Insertional Mutagenesis Database, which has decoded 60,000 genetic mutations that raised rice yields by 40–50%.



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#### March 15 | Tzu Chi University, Hualien | 09:30-10:45

##### ***Earthquake: the Knowns and Unknowns***

**Kuo-Fong Ma**, National Central University, Taoyuan, Taiwan

Prof. Ma is a Professor at the Department of Earth Sciences & Institute of Geophysics, National



Central University, Taoyuan, Taiwan, and Chair Professor of National Central University. Her research interests include earthquake seismology, earthquake physics, engineering and seismotectonics. She currently serves the Chair of Chinese Geoscience Union, and former director of Taiwan Earthquake Research Center. She was also former chair of the Geological Society of Taiwan; and the Governing Board of Global Earthquake Model. She received several national awards, including the National Science Council Distinguished Research Award, National Award of Ministry of

Education Academic Award in 2007, Outstanding Female Scientist Award in 2011; the National Professorship of The Ministry of Education in 2013.

#### March 16 | National Taiwan Normal University, Taipei | 13:00-14:15

##### ***Sustainable and Healthy Life in Our Future - What Can We Do for Next Generations?***

**Fumiko Kasuga**, Future Earth Secretariat, Japan



Dr. Fumiko Kasuga graduated from and received Ph.D. from The University of Tokyo. Formerly, she was Director at the National Institute of Health Sciences (2012-2016), and served as Vice-President of Science Council of Japan in charge of international activities (2011-2014). She is a member of International Council for Science (ICSU)'s Committee on Scientific Planning and Review since 2012. She has been working as a government researcher in the field of public health since she received Ph.D. in 1988 until March, 2016. Internationally she has been working in Joint FAO/WHO Expert Meeting on Microbiological Risk Assessment (JEMRA), WHO Foodborne Disease Burden

Epidemiology Reference Group (FERG) and the International Commission on Microbiological Specifications for Foods (ICMSF), and in Japan for Ministry of Health, Labour and Welfare and the Food Safety Commission for food safety risk analysis.

Since 2013, she has been involved in establishing globally-distributed Secretariat of Future Earth, an international research platform for global sustainability, and is Global Hub Director 2015. Through activities of Future Earth, she has been involved in several projects on Sustainable Development Goals (SDGs) by United Nations and those by Ministry of Japan.

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## Symposium Speakers

March 12 | National Cheng Kung University, Tainan | 10:45-12:15

### CHAIRS



**Awor Phyllis (Uganda)**, Post Doctoral Fellow in Makerere University, Kampala, Uganda

**Universal Health Coverage for Children in sub-Saharan Africa: Engaging the Private Sector**



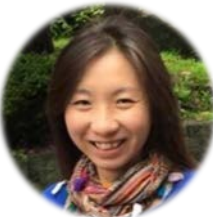
**Li-Jung Ku 古鯉榕 (Taiwan)**, Assistant Professor in National Cheng Kung University 成功大學, Tainan, Taiwan

**Gender and income inequalities in caregiver burden: Findings from a study of family caregivers for dementia patients in Tainan**



**Yu-Ling Huang 黃于玲 (Taiwan)**, Assistant Professor in National Cheng Kung University 成功大學, Tainan, Taiwan

**Feminist Biopolitics in Ultra-low Fertility Taiwan**



**Chia-Hsin Chen 陳佳欣 (Taiwan)**, Assistant researcher in National Cheng Kung University Museum 成功大學博物館, Tainan, Taiwan

**Environmental challenges and community health: a case study on stakeholder collaboration and community engagement in Kibera informal settlement in Kenya**



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**March 13 | Tunghai University, Taichung | 14:45-16:15**

### CHAIRS

**Hui-Chen Lin 林惠真**, Distinguished Professor in Department of Life Science, Tunghai University 東海大學, Taichung, Taiwan

**Hsiu-Ling Chen 陳秀玲**, Distinguished Professor in Department of Safety, Health and Environmental Engineering, Hungkuang University 弘光科技大學, Taichung, Taiwan



**Fathiah Zakham (Yemen)**, Assistant researcher in Hodeidah University, Hodeidah, Yemen

**Fighting Infectious Disease for Sustainable Development in Yemen**



**Hung-Chieh Chang 張弘潔 (Taiwan)**, Assistant Professor in China Medical University 中國醫藥大學, Taichung, Taiwan

**Cord Blood Banks in Asia: International Network and Inequalities**



**Wan-Yu Liu 柳婉郁 (Taiwan)**, Associate Professor in National Chung Hsing University 中興大學, Taichung, Taiwan

**How to model the optimal forest carbon contract**



**Cheng-hui Chen 陳正慧 (Taiwan)**, Assistant researcher in Tunghai University 東海大學, Taichung, Taiwan

**Sustainable Land Use in Taiwan**



**March 15 | Tzu Chi University, Hualien | 10:45-12:15**

## CHAIRS

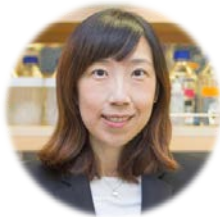
**Ingrid Y. Liu 劉怡均**, Professor in Institute of Medical Sciences, Tzu Chi University 慈濟大學, Hualien, Taiwan

**Guang-Huey Lin 林光慧**, Associate Professor in School of Medicine, Tzu Chi University, Hualien 慈濟大學, Hualien, Taiwan



**Wafa Al-Jamal (Jordan)**, Prostate Cancer Research Fellow in University of East Anglia, Norwich, UK

**Nanomedicine: promises and challenges for the future of public health**



**Yi-Chun Yen 顏怡君 (Taiwan)**, Research Fellow in Duke-NUS Medical School, Singapore

**C Gut, Brain and Emotion**

**Yu-Chuan Yang 楊悠娟 (Taiwan)**, Associate Professor in National Dong Hwa University 東華大學, Hualien, Taiwan





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**March 16 | National Taiwan Normal University, Taipei | 14:15-15:45**

### CHAIRS

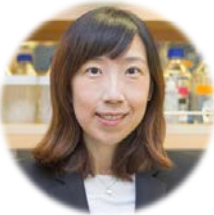
**Shih-Chun Lung 龍世俊**, Research Fellow in Research Center for Environmental Changes, Academia Sinica, Taipei, Taiwan

**Huei-min Tsai 蔡慧敏**, Deputy Minister in Atomic Energy Council 行政院原子能委員會, Taipei, Hualien, Taiwan



**Farah Fathima (Indian)**, Assistant Professor in St John's Medical College, Bangalore, India

**Primary Prevention of Cardiovascular Diseases - Lessons from the field**



**Hsin-Chieh Chang 張心潔 (Taiwan)**, Assistant Professor in National Taiwan University 臺灣大學, Taipei, Taiwan



**Chia-Ying Ko 柯佳吟 (Taiwan)**, Assistant Professor in National Taiwan University 臺灣大學, Taipei, Taiwan

**Big data in my climate change and transdisciplinary studies**